



MATH

3

FOR FAMILIES

YOU ARE your child's first teacher. Learn how to support the goals of Oklahoma's academic standards and why they are important for your child. Please be in regular communication with your child's teachers and ask how you can support math learning at home. When schools and families work together as partners, it helps your child achieve academic excellence!

THIRD GRADE

What to expect:

In third grade, students will build on the skills learned in first and second grade and apply their knowledge to more difficult mathematical tasks. Three of the most important third-grade math topics are multiplication, division and fractions, all of which are building blocks for many skills students will learn in later grades.

By the end of the school year, your child will:

- Read and write numbers up to 100,000.
- Know multiplication and related division facts for whole numbers up to 10, such as $3 \times 5 = 15$ and $15/3 = 5$.
- Read and write fractions.
- Classify angles as acute, right, obtuse and straight.
- Find the perimeter of a shape.

What to do at home:

- Create your own multiplication and division flashcards.
- Use the numbers on cards, dominoes and dice to practice multiplication or division with your child.
- Identify fractions around the house. For example, if a four-drawer dresser has socks in one drawer, then $1/4$ of the dresser has socks in it.
- Ask your child to identify the shapes and types of angles in road signs.
- Measure the sides of four-sided objects in daily life (a table top, cell phone, etc.) and add all the sides together to find the perimeter.



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Fostering Curiosity

Children are naturally curious and want to learn about things that interest them. Since curiosity contributes to success in the classroom, it is important to encourage it at home. Play is a wonderful way to spark curiosity, so be sure to allow plenty of playtime. Encourage your child to ask questions, be creative, discover answers and explore the world.

Cultivate your child's curiosity with guiding questions like these:

- What geometric shapes do you see in your neighborhood and where do you see them?
- If you had a million dollars, what would you buy first? Why?
- What patterns do you hear in your favorite song?

Your child will have plenty of questions. It's okay if you don't have the answer every time. The best response is always, "Let's find out together."

Fostering Communication

Families can play a role in helping their children learn to be good communicators by encouraging them to add new words to their vocabulary, express themselves and be good listeners. As children's communication skills grow, they are able to learn new ideas, get along with others and develop positive relationships and a strong self-image.

Cultivate your child's communication skills with questions like these:

- What food would be served at your favorite meal?
- How did you show kindness to someone today?
- What is your favorite outdoor activity to do with family or friends?

Fostering Comprehension

Reading is a building block for success in all school subjects and a critical skill that develops with time and practice. Encourage your child to read for pleasure, and be a good role model by reading things you enjoy. Use the following questions to help third-graders understand what they are reading.

BEFORE READING

- What made you pick this book?
- How is this book like another one you have read or a movie you have seen?
- What do you think the book will be about?

DURING READING

- What has happened so far in the story?
- What pictures do you see in your mind as you read?
- What words can I help you understand?

AFTER READING

- What was the most important event in the story? Why?
- What lesson do you think the author wants the reader to learn? What makes you think that?
- If you could give this book a different title, what would it be? Why?